

05 43. (Once amended) An isolated DNA molecule comprising a DNA sequence encoding at least 400 amino acids of a JAK3 peptide of SEQ ID NO: 16; wherein said peptide binds a receptor for a cytokine selected from the group consisting of: IL-2, IL-3, IL-4, IL-5, IL-6, IL-7, IL-9, IL-11, OSM, LIF, G-CSF, EPO, IFN- γ and GM-CSF.

In the Drawings

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Please delete Figures 10 through 13 A-D.